

ABSTRACT OF THE DISCLOSURE

A suspension system includes a composite leaf spring having a mounting segment of a tapered width combined with an expanding depth. Any position along the longitudinal length of the mounting segment provides a singular cross-sectional shape taken parallel to an axle beam. An axle beam attachment system defines a cavity having a shape equivalent to the leaf spring at the predetermined location for mechanically interlocking the axle beam attachment system with the leaf spring at that predetermined location.

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